



Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A high density magnetic recording medium using a CoCrPt alloy thin film, which has a uniform local coercivity distribution and grain size distribution, and fine grains, comprising:

a CoCrPt alloy thin film including ~~the~~ a $(\text{Co}_{82}\text{Cr}_{18})_{100-x}\text{Pt}_x$ alloy thin film containing 1 to 14 atom% Pt, which controlled by a CoCr alloy target having a Pt chip positioned thereon; and

a Ti thin film positioned under the $(\text{Co}_{82}\text{Cr}_{18})_{100-x}\text{Pt}_x$ alloy thin film.

2. (original): The high density magnetic recording medium as set forth in claim 1, wherein the $(\text{Co}_{82}\text{Cr}_{18})_{100-x}\text{Pt}_x$ alloy thin film and the Ti thin film are respectively 400 and 1100 Å in thickness.

3. (currently amended) A high density magnetic recording medium using a CoCrPt alloy thin film, which has a uniform local coercivity distribution and grain size distribution, and fine grains, comprising:

a glass substrate;

a Ti thin film layered on the glass substrate;

a $(\text{Co}_{82}\text{Cr}_{18})_{100-x}\text{Pt}_x$ alloy thin film containing 1 to 14 atom% Pt, which controlled by a CoCr alloy target having a Pt chip positioned thereon and deposited on the Ti thin film; and

a Si_3N_4 thin film deposited on the $(\text{Co}_{82}\text{Cr}_{18})_{100-x}\text{Pt}_x$ alloy thin film.

4. (original): The high density magnetic recording medium as set forth in claim 3, wherein the $(\text{Co}_{82}\text{Cr}_{18})_{100-x}\text{Pt}_x$ alloy thin film, the Ti thin film, and the Si_3N_4 thin film are respectively 400, 1100, and 500 Å in thickness.

5-6. (canceled).